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FROM:	Arland T. Stein, Attorney of Record Reg. No. 25,062 (P) 614-233-5104 Email: astein@hahnlaw.com	Number of Pages (including this page)	2
DATE:	July 17, 2006	HLP Reference Number:	201144.00001 Job Code:
SUBJECT:	U.S. App. No. 10/614,740 – Filed 07/08/2003 Invention: UTILITY POLE CROSS-ARM AND ASSOCIATED POLE-TOP HARDWARE		

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To:	Name	Fax	Phone
	Examiner Alfred J. Wujciak III GAU 3632 Room 60, Knox Bldg., Corridor D, 2nd Floor	**571-273-8300**	**571-272-6822**

Sender's Comments: Applicant's Response to the May 16, 2006 Office Action was hand-delivered to Examiner Wujciak at the July 6, 2006 Interview. It was noted today that page 6 was missing from the translation of JP 11-210271, attached to Applicant's Response. Please find attached hereto a copy of page 6 from the translation of JP 11-210271.

Please advise if this faxed transmittal is acceptable to the Examiner, or if a more formal submission is necessary. Thank you.

[0020]

A flange 33 is also formed in the center of the side 31. This flange 33 becomes a strike-face when the wedge-shaped pipe anchorage device 30 is driven into the gap 12. Because the side 31 can also become a strike-face, the flange 33 may be omitted.

[0021]

This wedge-shaped pipe anchorage device 30 is a plastic molded compact such as polycarbonate, polyethylene, Nylon, or ABS resin, or is made of metal. A plastic molded compact, in particular, is flexible enough to deform slightly when driven into even a gap which is more or less irregular in shape, and so tightly anchors the mounting hole and the beam pipe to effectively prevent play and rotation of the beam pipe.

[0022]

To achieve the beam pipe mounting structure of the present invention, first, tubular posts formed with mounting holes 11 are set in the ground at regular intervals. Next, the end of a beam pipe 20 is loosely inserted into the mounting hole 11 of this tubular post 10 leaving a gap 12, the end of the beam pipe 20 is stopped by a check pin 40, and a cap is placed over the top of the tubular post 10.

[0023]

Next, as shown in Fig. 2, the anti-skid projections 32 part of the wedge-shaped pipe anchorage device is inserted into the gap 12 between the mounting hole 11 of the tubular post 10 and the beam pipe 20, and a wooden hammer or the like is used to drive in the wedge-shaped pipe anchorage device 30 while striking the flange 12. This pushes the side 31 part of the wedge-shaped pipe anchorage device 30 into the gap 12 to close the majority of the gap 12, which firmly fixes the beam pipe 20 in the mounting hole 11 of the tubular post 10.

[0024]

A beam pipe 20 may also be attached to a tubular post 10 as a unit. Several such beam pipes are usually attached to a tubular post 10 above and below. A gap 12 usually forms below the beam pipe 20